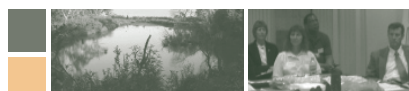




US Army Corps
of Engineers®
Norfolk District

VOLUME 17
JANUARY 2006



Mark Your
Calendar...

Former Nansemond
Ordnance Depot
Public Meeting

FEB
2

Thursday
February 2

Subject: Track K Dump
Proposed Plan

Time:
6:00 PM - 8:00 PM

Location:
Bon Secours Health Center
at Harbour View
5818 Harbour View Boulevard
(Suffolk)

Public Comment
Period:
February 2 - March 3

Former Nansemond
Ordnance Depot
Restoration Advisory
Board Meeting

MAR
2

Thursday
March 2

Time:
6:30 PM - 8:30 PM

New Location:
Lockheed Martin
7021 Harbour View Boulevard,
Suite 105
(Suffolk)

All Are Welcome!

For directions visit <http://www.nao.usace.army.mil/projects/nansemond/welcome.html>

When we heal the earth, we
heal ourselves.

— David Orr

Corps Hosts February Public Meeting

Track K Dump Proposed Plan Unveiled

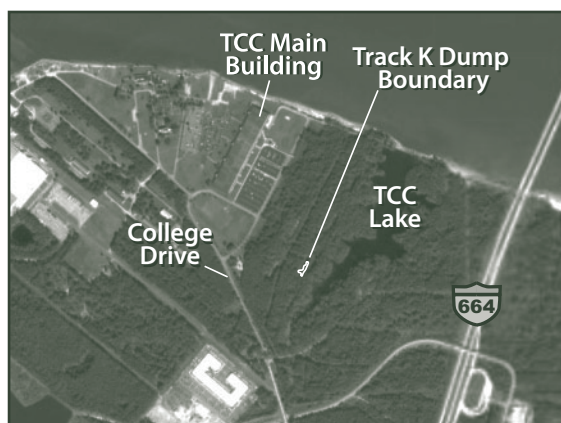
The U.S. Army Corps of Engineers (Corps) is pleased to present the proposed plan for the Track K Dump at the *Former Nansemond Ordnance Depot (FNOD)* at a public meeting on February 2. The meeting will be held at the Bon Secours Medical Center on Harbourview Boulevard. It will begin at 6:00 p.m. with an open house, exhibit displays, and an availability session which will provide area residents an opportunity to talk with Army Corps, EPA, and Virginia Department of Environmental Quality (VDEQ) project representatives one-on-one. The Corps will then present the Proposed Plan for the Track K Dump at 7:00 p.m. and will entertain comments and questions following the presentation. Oral and written public comments are encouraged at the public meeting and during the subsequent 30-day public comment period.

The Track K Dump is a half-acre former tire pile, paint can, and household waste disposal area that was designated by EPA as contaminant **Source Area 6** in the National Priorities Listing of the former depot in 1999. The site is located in a wooded unused area of the TCC Portsmouth Campus west of South Road.

Over the last 5 years, the Corps has reviewed multiple historical aerial photographs, cleared the site for munitions, removed approximately 58 tons of tires, paint cans, household wastes, completed 3 rounds of soil sampling, and conducted human health and ecological risk assessments.

The tires, paint cans, and household wastes are believed to have been disposed of at the site following DoD's transfer of the property in 1960. However, historical aerial photos indicated that waste disposal activities may have occurred at the site during military use. As a result, in 2001, the Corps removed the tires and debris to investigate the soil beneath.

Continued on page 2



The former tire pile and paint can area, known as the Track K Dump, is located on the Tidewater Community College (TCC) Portsmouth Campus property west of South Road.

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Track K Proposed Plan Unveiled

Continued from page 1

Three soil sampling investigations were conducted to determine the nature and extent of any potential contamination. During the latest soil sampling effort in 2004, 2 out of the 13 surface soil samples collected were above EPA's residential Risk Based Concentrations for dieldrin in soil. There is no history of pesticide mixing, storage, or disposal at FNOD and pesticides are not normally associated with the type of debris that was observed at the Track K dump site. The project team believes that the dieldrin detections may be related to facility-wide pesticide application. Nonetheless, the two elevated soil sample detections triggered the Corps to complete human health and ecological risk assessments.

These risk assessments indicate that no human health and ecological risks remain at the site and as a result the Corps is proposing no further action. A no further action decision will mean that the site is appropriate for unrestricted residential or commercial use unless otherwise noted by area zoning laws. The Corps is seeking public input on its plan. The Corps and EPA, in consultation with VDEQ may modify the Proposed Plan based on any new information acquired during the public comment period. "If no new information is presented, this will mark the second (of 6) EPA-designated Source areas to be completed at FNOD," says George Mears, the U.S. Army Corps project manager.

Review the Track K Dump Proposed Plan

The 12-page Track K Proposed Plan includes site background information, and a summary of the Corps's previous site investigations, removal actions and risk assessments, which led to the recommendation of no further action. The Proposed Plan summarizes the information that is available for public review in greater detail in the Administrative Record. View the Corps Track K Dump Proposed Plan on the Corps project website at www.nao.cors.army.mil/projects/nansemond



Track K Dump before removal.



Track K Dump immediately following removal.

Administrative Record Locations

U.S. Army Corps of Engineers
803 Front Street
Norfolk, VA 23510-1096
(757) 201-7606

Tidewater Community
College Library
7000 College Drive
Portsmouth, Virginia 23703
757-822-2124

30-Day Comment Period

The public meeting on February 2 will initiate a 30-day public comment period that will end on March 3, 2006. Written comments must be postmarked no later than March 3, 2006. To submit written comments or obtain further information, please contact:

George Mears
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U.S. Army Corps of Engineers,
Norfolk District
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Norfolk, VA 23510-1096
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A Restoration Advisory Board (RAB) was established by the Corps for the Former Nansemond Ordnance Depot project in 1997 to act as a focal point for the exchange of information between the Corps, the local community, and the regulators about site restoration activities. The RAB meets regularly and their meeting minutes are available for public review at the Corps' website at www.nao.usace.army.mil/Projects/Nansemond/minutes.htm



Track K Dump area today.

2005 Munitions Response Highlights



*Sample munitions item.
Photo courtesy of Patrick Bloodgood.*

In 2005, the Corps focused most of its munitions response efforts at FNOD in the Main Burning Ground area on GE property and in the adjacent TCC parcel north of Welner Drive. The Corps removed 24 discarded military munitions items, 556 pounds of munitions debris, and 140,149 pounds of scrap last year.

The Corps does planned detonations of the munitions items that they remove on Thursdays between 3 and 4 p.m.

Continuous munitions response efforts began at the former depot in 2000 and are expected to continue through September 2008.

Former Nansemond Ordnance Depot Project Update

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FNOD Project Web Site:
<http://www.nao.usace.army.mil/projects/nansemond/welcome.html>

2006: The Year Ahead

Environmental Studies

The Corps will be busy this year with work plans and field activities for a variety of environmental investigations. There are now four EPA-designated Source Areas and 23 other Areas of Concern (AOC's) that require more effort.

The Corps will continue groundwater sampling in the TNT area (Source Area 1), located near the entrance of the TCC Portsmouth campus, and in the newly identified Arsenic Investigation area on GE property (AOC 22).

The TNT Area – Data from the Corps' TNT area groundwater sampling effort will be used to determine an appropriate remedial alternative for the site. Fortunately, the TNT concentrations in the groundwater have been declining over time naturally. The Corps is evaluating two potential remedial alternatives for this site: in-situ biodegradation and in-situ chemical oxidation.



FNOD RAB and local reporters at the TNT area during a site tour hosted by the Corps in December.

Arsenic Investigation – The Corps is developing a work plan to investigate arsenic that has been detected in several groundwater monitoring wells between the Horseshoe Pond and the GE warehouse building. The highest detection to date was 26 ug/l of dissolved phase arsenic, which occurred in a monitoring well located on GE property. There is currently insufficient data to identify the presence of a source for the arsenic detections in the groundwater there. The Corps is developing a work plan to investigate this area further. Initially the project team plans to install and sample 5 new monitoring wells and collect surface and subsurface soil samples at both new and existing monitoring well locations. The Corps will present a more definitive work plan for this investigation at the next RAB meeting in March.

Munitions Response

Main Burning Ground – The Corps will continue its munitions investigation at the GE Main Burning Ground. There are 23 100-foot by 100-foot investigation grids left to investigate.

Nansemond River Beachfront (NRB) – The Corps has begun a munitions investigation at the Nansemond River Beachfront. The field crew will excavate 3 pits that may contain discarded military munitions, conduct a surface clearance out to mean low water and behind the retaining wall, excavate 3 trenches back to virgin soil, and characterize the soils behind the retaining wall.



NRB retaining wall.

Project Goals for 2006

Environmental Studies

- Complete the Record of Decision for the Track K Dump
- Finalize the Site Groundwater Model
- Complete the Remedial Investigation Report and Risk Assessments for the James River Beachfront
- Complete Human Health and Ecological Risk Assessments for TCC Lake
- Complete the Remedial Investigation Report, Proposed Plan and Record of Decision for the Pesticide Drum Area
- Complete Site Screening Reports for:
 - GE Pond and Culvert
 - Former Marine Corps Power Generation Facility
 - Former Wastewater Treatment Plant Area
 - Track G, H, & I

Munitions Response

- Continue munitions response in the Main Burning Ground Area
- Characterize Nansemond River beachfront munitions issues

Restoration News

Restoration News is published three times a year by CEC, Inc. for the U.S. Army Corps of Engineers, Norfolk District

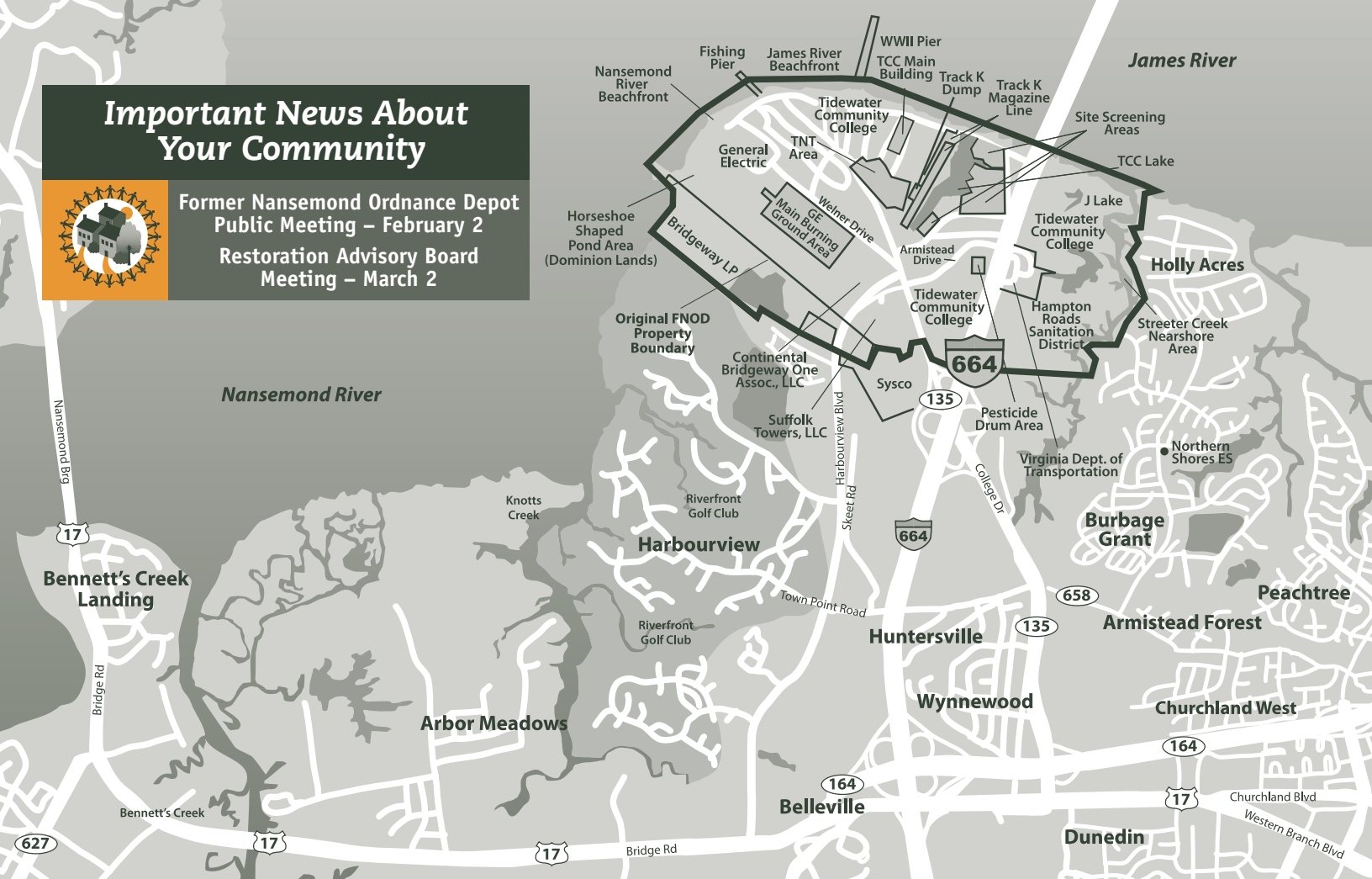
Send address corrections and all correspondence to:
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Former Nansemond Ordnance Depot Project Update

Important News About Your Community



Former Nansemond Ordnance Depot
Public Meeting – February 2
Restoration Advisory Board
Meeting – March 2



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**Important News About
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